WALL MOUNTED ETHEREA
INVERTER+
SILVER PLATED / WHITE

Etherea with enhanced Econavi sensor and new Nanoe-G air-purifying system: outstanding efficiency, comfort and healthy air combined with state-of-the-art design.

Econavi features an in-built human activity sensor and a new sunlight detection technology to adjust output thereby giving you the best comfort at anytime whilst saving energy. Econavi not only optimizes air flow orientation and volume according to human presence, it also reduces cooling power automatically by no/less sunshine. With econavi, you will achieve up to 38% energy savings whilst increasing your comfort. Furthermore, the Nanoe-G revolutionary air-purifying system utilises nano technology fine particles to remove and deactivate 99% of both airborne and adhesive micro-organisms like bacteria, viruses and mould.

product design award 2013

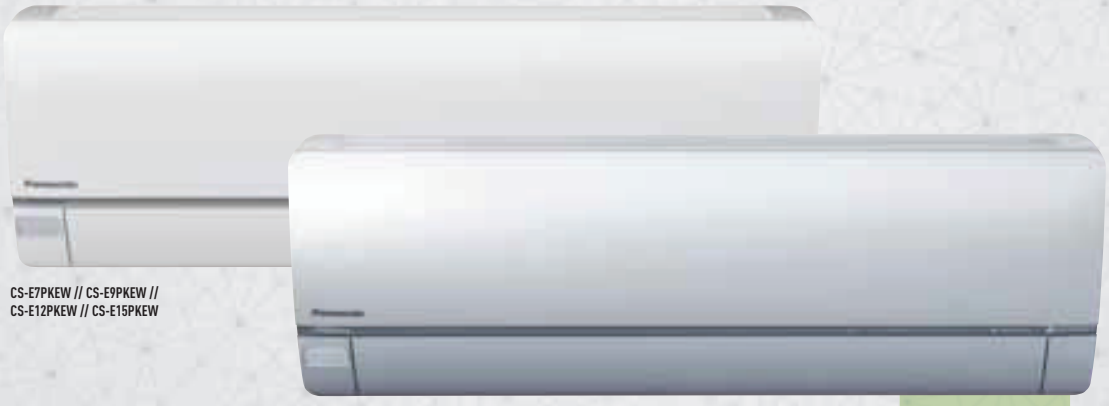
Awarded with the prestigious IF Design Award 2013

INTERNET CONTROL READY: Optional. MILD DRY: Maintains a Relative Humidity up to 10% higher than cooling operation. Ideal when sleeping with the air conditioner on. SUPER QUIET: For XE7, XE9, XE12, E7, E9 and XE12

Kit Silver Plated			**KIT-XE7-PKE**	**KIT-XE9-PKE**	**KIT-XE12-PKE**	**KIT-XE15-PKE**
Kit Silver Plated / with Smartphone Control			**KIT-XE7-PKE-WIFI**	**KIT-XE9-PKE-WIFI**	**KIT-XE12-PKE-WIFI**	**KIT-XE15-PKE-WIFI**
Kit White			**KIT-E7-PKE**	**KIT-E9-PKE**	**KIT-E12-PKE**	**KIT-E15-PKE**
Kit White / with Smartphone Control			**KIT-E7-PKE-WIFI**	**KIT-E9-PKE-WIFI**	**KIT-E12-PKE-WIFI**	**KIT-E15-PKE-WIFI**
Indoor Silver plated			**CS-XE7PKEW**	**CS-XE9PKEW**	**CS-XE12PKEW**	**CS-XE15PKEW**
Indoor White			**CS-E7PKEW**	**CS-E9PKEW**	**CS-E12PKEW**	**CS-E15PKEW**
Outdoor			**CU-E7PKE**	**CU-E9PKE**	**CU-E12PKE**	**CU-E15PKE**
Cooling capacity	Nominal (Min - Max)	kW	2.05 (0.75-2.40)	2.50 (0.85-3.00)	3.50 (0.85-4.00)	4.20 (0.85-5.00)
	Nominal (Min - Max)	kCal/h	1,760 (650-2,060)	2,150 (730-2,580)	3,010 (730-3,440)	3,610 (730-4,300)
EER [1]	**Nominal (Min - Max)**	**Energy Saving**	**4.41 (3.13-4.21) A**	**4.72 (3.47-4.17) A**	**4.12 (3,40-3.57) A**	**3.36 (3.27-3.23) A**
SEER	**Nominal**	**Energy Saving**	**6.7 A++**	**6.6 A++**	**6.6 A++**	**5.9 A+**
Pdesign (cooling)			2.1	2.5	3.5	4.2
Power input Cooling	Nominal (Min - Max)	kW	0.465 (0.240-0.570)	0.530 (0.245-0.720)	0.850 (0.250-1.120)	1.25 (0.260-1.550)
Annual Energy Consumption (Cooling) [2]		kWh	110	133	186	249
Heating capacity	Nominal (Min - Max)	kW	2.80 (0.75-4.00)	3.40 (0.85-5.00)	4.00 (0.85-6.00)	5.30 (0.85-6.80)
Heating capacity at -7 °C	Nominal	kW	2.35	2.88	3.37	4.11
COP [1]	**Nominal (Min - Max)**	**Energy Saving**	**4.44 (3.26-3.96) A**	**4.66 (3.54-3.88) A**	**4.32 (3.47-3.55) A**	**3.71 (3.33-3.52) A**
SCOP	**Nominal**	**Energy Saving**	**4.3 A+**	**4.1 A+**	**4.0 A+**	**3.6 A**
Pdesign at -10 °C		kW	2.1	2.7	3.2	3.6
Power input Heating	Nominal (Min - Max)	kW	0.630 (0.230-1.01)	0.730 (0.240-1.29)	0.925 (0.245-1.690)	1.430 (0.255-1.930)
Annual Energy Consumption (Heating) [2]		kWh	684	922	1120	1400
Indoor Unit						
Power source		V	230	230	230	230
Recommended Fuse		A				
Recommended power cable section		mm^2				
Connection indoor / outdoor		mm^2	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5
Current (Nominal)	Cooling / Heating	A	2.15 / 2.85	2,4 / 3.35	3.80 / 4.10	5.50 / 6.40
Max. current		A	4.5	5,7	7.6	8.8
Air Volume	Cooling / Heating	m^3/h	732 / 768	762 / 786	834 / 858	846 / 900
Moisture removal volume		l/h	1.3	1.5	2	2.4
Sound pressure Level [2]	Cooling (Hi / Lo / S-Lo)	dB(A)	37 / 24 / 20	39 / 25 / 20	42 / 28 / 20	43 / 31 / 25
	Heating (Hi / Lo / S-Lo)	dB(A)	38 / 25 / 20	40 / 27 / 20	42 / 33 / 20	43 / 35 / 29
Sound power Level	Liquid pipe / Gas pipe	dB	53 / 54	55 / 56	58 / 58	59 / 59
Dimensions [3]	H x W x D	mm	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255	295 x 870 x 255
Net weight		Kg	10	10	10	10
Air purifier filter			Nanoe-G	Nanoe-G	Nanoe-G	Nanoe-G
Outdoor Unit						
Air Volume	Cooling / Heating	m^3/h	2,034 / 2,034	1,788 / 1,788	1,998 / 1,998	1,998 / 1,998
Sound pressure Level[2]	Cooling / Heating (Hi)	dB(A)	45 / 46	46 / 47	48 / 50	49 / 51
Sound power Level	Cooling / Heating (Hi)	dB	60 / 61	61 / 62	63 / 65	64 / 66
Dimensions [3]	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299
Net weight		Kg	31	33	34	33
Piping connections	Liquid pipe / Gas pipe	inch (mm)	1/4 (6.35) / 3/8 (9.52)	1/4 (6.35) / 3/8 (9.52)	1/4 (6.35) / 3/8 (9.52)	1/4 (6.35) / 1/2 (12.70)
Refrigerant Loading	R410A (GWP value)	Kg	0.830	1.00	1.05	1.02
Elevation difference (in/out) [4]	Max	m	15	15	15	15
Piping length	Min / Max	m	3-15	3-15	3-15	3-15
Piping length without refrigerant increase	Max	m	7.5	7.5	7.5	7.5
Additional gas		g/m	20	20	20	20
Operating range	Cooling Min / Max	°C	-10 / +43	-10 / +43	-10 / +43	-10 / +43
	Heating Min / Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24

Rating Conditions: Cooling Indoor 27 °C DB / 19 °C WB. Cooling Outdoor 35 °C DB / 24 °C WB. Heating Indoor 20 °C DB. Cooling Outdoor 7 °C DB / 6 °C WB. (DB: Dry Bulb; WB: Wet Bulb)
Connectivity restriction: JKE units are not compatible with PKE units.

1) EER and COP classification is at 230 V in accordance with EU directive 2002/31/EC. 2) The Sound pressure level of the units shows the value measured of a position 1 meter in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 3) Add 70 mm for piping port. 4) When installing the outdoor unit at a higher position than the indoor unit.
Specifications subject to change without notice.



CS-E7PKEW // CS-E9PKEW //
CS-E12PKEW // CS-E15PKEW

CS-XE7PKEW // CS-XE9PKEW // CS-XE12PKEW // CS-XE15PKEW

INCLUDED WITH
THE INDOOR UNIT

OPTIONAL
WIRED REMOTE CONTROL
CZ-RD514C

SEASONAL EFFICIENCY

PRODUCT FOLLOWS THE NEW ECODESIGN REQUIREMENTS

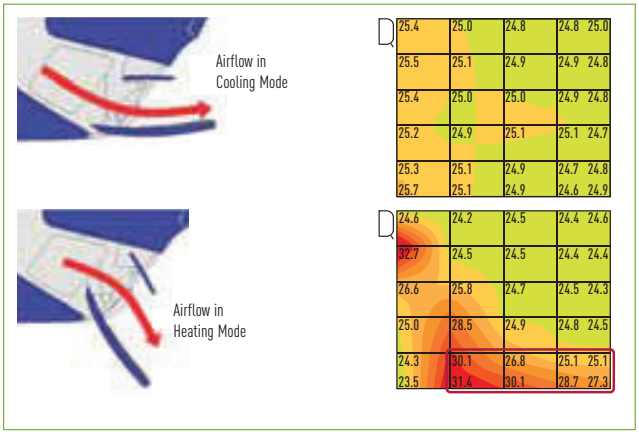
SCOP A++

KIT SILVER PLATED: KIT-XE7-PKE // KIT-XE9-PKE // KIT-XE12-PKE // KIT-XE15-PKE

KIT WHITE: KIT-E7-PKE // KIT-E9-PKE // KIT-E12-PKE // KIT-E15-PKE

Technical focus

- MAXIMUM EFFICIENCY AND COMFORT WITH ECONAVI, NOW WITH SUNLIGHT DETECTION
- NANOE-G AIR PURIFYING SYSTEM, 99% EFFECTIVE ON BOTH AIRBORNE AND ADHESIVE MOULD, VIRUSES AND BACTERIA
- OPTIONAL SMARTPHONE CONTROL
- MILD DRY COOLING: PREVENT A RAPID DECREASE IN ROOM HUMIDITY
- SUPER QUIET! ONLY 20 DB, EQUIVALENT TO NIGHT-TIME IN THE COUNTRY (XE7, XE9 XE12, E7, E9 AND E12)
- MORE POWERFUL AIRFLOW TO QUICKLY REACH THE DESIRED TEMPERATURE



Features

HEALTHY AIR
- Nanoe-G air purifying system
- Mild Dry Cooling operation mode for increased comfort and prevention of skin moisture loss

ENERGY, EFFICIENCY AND ECOLOGY
- Maximum efficiency Inverter system, for bigger savings
- -45% consumption with Econavi on heat pump, and -38% on cooling mode
- R410A refrigerant gas

COMFORT
- Super Quiet mode (from 20 dB)
- Powerful mode
- Uniform dispersion of airflow
- Automatic vertical airflow control
- Hot start mode, increased comfort on heat pump mode, no cool airflow when process starts
- Automatic restart after power cut

EASE OF USE
- Real time clock with dual ON&OFF timer
- User friendly infrared remote control
- Optional wired weekly timer with 6 settings per day and 42 settings per week
- Connectivity function (indoor unit equipped with PCB port which can be connected to outside network)
- Optional Smartphone control

EASY INSTALLATION AND MAINTENANCE
- Removable, washable panel
- 15 m maximum connection distance
- 15 m maximum elevation difference
- Maintenance access through the top panel of the outdoor unit
- Self-diagnosis function

eco ideas
Energy-Efficiency Classification
Most efficient level: A
(CS-XE9PKEW EER/COP: 4.72/4.66)

CU-E7PKE
CU-E9PKE

CU-E12PKE
CU-E15PKE